

FILTRATION SOLUTIONS FOR INDUSTRIAL APPLICATIONS



Standardized Fluid Testing Solutions

Turnkey Fluid Quality Measurement and Maintenance Tools

Filtration Optimization by Application



Bag Filtration | Bag Housings

- ◆ Quick and easy installation
- ◆ High dirt holding capacity at a low cost
- ◆ Welded seams with built-in flange assembly improve efficiency and prevent bags from failing in operation
- ◆ 100% incinerable



Bulk Diesel Filtration | BDF1, BDS

- ◆ Fuel and water separation media technology in a three-phase element construction for high efficiency, single-pass removal of free and emulsified water in Ultra-low Sulfur Diesel (ULSD) and other blends
- ◆ Can be upstream (suction side) or downstream (pressure side) of transfer pumps
- ◆ Helps protect expensive, vital engine components against failures caused by water
- ◆ Separates emulsified and free water from diesel fuel
- ◆ Ultra high water separate efficiency and high capacity without the repetitive cost of disposable water absorption cartridges.
- ◆ Key benefits and applications: Back-up Generators, Bulk Fuel Transfer, Data Centers, and Fleet Fueling Stations



Hydraulic & Lube Filters | BFT, GKCF50

- ◆ Filters rated for 40 to 6500 psi working pressure or 450 gpm
- ◆ High-pressure filters to protect open-circuit functions and closed-loop pumps and motors
- ◆ Servo valve protection filters available for protecting your most contamination-sensitive components
- ◆ Low-pressure filtration for inline and in-tank hydraulic returns
- ◆ Allow consolidation of inventoried replacement elements by using K-size elements



Air Breathers | PABR7, DBE and SAB70

- ◆ Reduces operating costs by preventing airborne or water contamination
- ◆ Replaceable elements with resin impregnated 3-micron media
- ◆ Steel (SAB22) or nylon (PABR7) housing material
- ◆ Protection valves prevent media from saturation during system downtime
- ◆ Bypass valves divert out flow from reservoir away from water removal media to preserve media life
- ◆ Key benefits and applications: Fuel Tanks, Hydraulic Reservoirs, and Gear Boxes

Fluid Conditioning | TCM, IXU, AMFS and Triton Dehydration Station®



- ◆ **TCM:** The TCM is enclosed in a 4-inch diameter case, the newest generation of particulate monitors utilizes an optical sensor and measures particulates in four sizes (>4, >6, >14 and >21 microns). Measurement results can be displayed or transported as a contamination code according to ISO 4406:1999 or SAE AS 4059.
- ◆ **IXU:** The IXU is an easy to service ion exchange unit of the IXU series is used for conditioning flame resistant, HFD-R-based hydraulic and lubrication fluids. They effectively remove acidic products of decomposition caused by hydrolysis and/or oxidation of the fluid. Mobile or stationary IXU are available.
- ◆ **Asset Management Filtration Station (AMFS):** The next generation Filtration Station® is an all-in one system that monitors fluid condition, filters out contaminants and tracks all necessary data. Includes real-time monitoring and data management of ISO cleanliness and water saturation by assets and automatic shut-down when desired ISO codes is reached.
- ◆ **Triton-E:** The Triton-E uses a patented mass transfer process and was designed to eliminate 100% of free and up to 90% of dissolved water from hydraulic fluids. The Triton-E is extremely portable and comes in 1.5 and 15 gpm versions.

Automatic Backflushing Filter and Ballast Water Treatment | RF3 and RF10



- ◆ Fully automatic operation
- ◆ Uninterrupted flow during filtration
- ◆ No consumable parts such as elements
- ◆ Sustainable media and no water required
- ◆ Low pressure drop
- ◆ Virtually maintenance free with a low operating costs
- ◆ Many applications including: spray nozzle protection and scale removal, re-circulating machine coolant, cooling towers and heat exchangers, ion exchange and reverse osmosis pre-filter, flocculent make-up water, and mining feed water

Filter Elements | Anti-Stat Pleat Media | ASP



Schroeder Elements

- ◆ Media construction, hydraulic fluids, temperature, viscosity and contamination can increase electrostatic discharge in a hydraulic system
- ◆ ASP media greatly reduce or eliminate electrostatic discharging problems that can occur during filtration of hydraulic and lube fluids
- ◆ Combines proven Excellement® Z-Media® and ASP technology
- ◆ Offers both high filtration efficiency and electrical conductivity.
- ◆ Helps extend system component life, protect element from damage, reduce oil deterioration and sludge formation
- ◆ Pre-printed outerwrap offers a branding opportunities.

Schroeder Industries, an ISO 9001:2008 certified company, focuses on developing filtration and fluid service products for various industrial applications and is proud of our proven track record of providing quality products over the last sixty years. The designs you see inside are the result of thousands of hours of field testing and laboratory research...and decades of experience. Schroeder was one of the first companies to demonstrate the need for, and benefits of, hydraulic filtration. We pioneered the development of micronic filtration, helping to set performance standards in industrial fluid power systems. As a result, Schroeder is now a leader in filtration and fluid conditioning — and the proof of our expertise lies in our broad mix of unsurpassed products.

For more information, please visit: www.schroederindustries.com

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Industrial



We design solutions for industry and for the success of our customers by:

- ◆ Optimizing the use of technology with applications
- ◆ Using an efficient, timely customization process to fill specific customer needs by increasing equipment performance
- ◆ Increasing manufacturing capacity and streamlining equipment operation
- ◆ Preserving our reputation for reliability and quality
- ◆ Expanding globally to support our customers and stay current with new technologies
- ◆ Leveraging and sharing our knowledge to meet challenges openly
- ◆ Nurturing a creative, cooperative culture committed to the individual and to providing the best solutions for our customers

Our goal is to be your filtration partner. Our expertise in filtration technology, our superior filter and element manufacturing capabilities, and our dedication to customer service and product support are the reasons we're considered experts in Advanced Fluid Conditioning Solutions®.

We are committed to providing the best available filter products to meet necessary cleanliness levels at a competitive price. As a cost-effective quality producer, we can work with your purchasing department to supply contamination control technology or develop long-range pricing programs that can improve your company's bottom line.

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